

WA/MMM/cm/Sa/21/150

Telephone No. 1824 Gerrard.

SALE No. 12,337

Sale to commence at One o'Clock.

A CATALOGUE OF

Natural History Specimens

Including Several Collections of

BRITISH AND EXOTIC LEPIDOPTERA,

together with the mahogany and other Cabinets in which they are
contained,

BIRDS' EGGS AND SKINS,

OAK EGG CABINET,

SHELLS & MINERALS

By order of Executors and others,

MAHOGANY CABINET OF 42 DRAWERS,

HEADS AND HORNS OF ANIMALS,

BIRDS MOUNTED IN CASES, etc.,

Which will be Sold by Auction by

MR. J. C. STEVENS

AT HIS GREAT ROOMS

No. 38, KING STREET, COVENT GARDEN, W.C.,

On TUESDAY MAY 6th, 1912,

At One o'Clock.

On View the Morning of Sale and Catalogues had on application to
Mr. J. C. STEVENS, 38, King Street, Covent Garden, W.C.

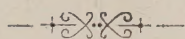
Telegraphic Address—"AUKS, RAND, LONDON."
Telephone No. 1824 Gerrard.

ESTABLISHED 1760

Pettitt, Cox & Bowers, Ltd., 22 and 23, Frith Street, Shaftesbury Avenue, W.

Conditions of Sale are as usual; a copy is exhibited in the
Sale Room at the time of sale.

A CATALOGUE.



On TUESDAY, the 6th day of MAY 1913

AT ONE O'CLOCK.

BRITISH LEPIDOPTERA.

LOT.

- 1 Machaon 5, and two larvae; edusa 6, crataegi 4, davus 6, io 9, three smoky; antiopa 1, very large; polychloros 5, and others—contents of two drawers
- 2 *C. dispar*, male
- 3 C-album 4, iris 1, paphia 6, lathonia 2, cinxia 4, artemis 4, lucina 4, arion 4, malvae v. taras 1, and others—1 drawer and part
- 4 Ocellatus 5, tiliae 4, atropos 2, convolvuli 5, ligustri 2, livornica 3, celerio 2, euphorbiae 4—36 specimens
- 5 Galii 2, elpenor 4, porcellus 4, pinastri 2, fuciformis 5, scoliiformis 1, ligniperda 4, exulans 2, fagi, and others—two drawers
- 6 Pudibunda 15, coryli 4, russula 7, caja 11, villica 7, plantaginis 14, jacobaeae 16, rubi 5, populi 4, quercus 8, and others—three ditto
- 7 Versicolor, carpini 4, prasinana 7, derasa 5, batis 5, flavicornis 6, ocularis 2, ridens 3, auricoma 2, cassinea 2, and others—three ditto

- 8 Graminis 3, depuncta 1, janthina 6, pyramidea 4, miniosa 6, aurago 4, gilvago 6, and others—four ditto
- 9 Affinis 4, herbida 4, verbasci 5, chrysitis 4, festucae 4, and others—three ditto
- 10 *A pitch-pine insect cabinet of 20 drawers, pedestal pattern, size of drawers 17 in. by 16 in. by 2 in., enclosed by glass panelled door*
- 11 Nupta 6, promissa 4, sponsa 4, autumnaria 4, penaria 4, amataria 5, alternata 5, belgiaria 7, plumaria 5, conspicuata 4, and others—four ditto
- 12 Dealbata 3, ulmata 7, venosata 4, simulata 4, bilineata 11, prunata 4, imbutata 5, plagiata 4, and others—four ditto
- 13 Immorata 2, extensaria 5, and pyrales, deltoides, tortrices, etc.—four ditto

EXOTIC LEPIDOPTERA.

- 14 Colaenis, dione and cethosia—two drawers
- 15 Cirrochroa, cynthia, messaras, atella, euptoieta, argynnis, etc.—three ditto
- 16 Argynnis, melanitis, hetaeria, danais, etc.—three ditto
- 17 *A pitch-pine insect cabinet of 20 drawers, pedestal pattern, similar to lot 10*
- 18 *Cyrestis* (good series), elymnias, pierella, gynaecia, ageronia, etc.—four ditto
- 19 Hypolimnas (good series), megalura, victorina, stibochiona, etc.—three ditto
- 20 Adelpha, limenitis, penthema, hestina, parthenos, etc.—three ditto
- 21 Neptis, athyma, catuna, romaleosoma, euryphene, etc.—three ditto
- 22 Euphaedra, aterica, cymothoe, etc.—three ditto

- 23 Chlorippe, *apatura*, euthalia, symphaedra, etc.
—three ditto
- 24 Charaxes, *prepona*, *apatura*, *smyrna* etc.—two
ditto
- 25 *A pitch-pine insect cabinet of 20 drawers, pedestal
pattern, similar to Lot 10*
- 26 Charaxes, *anea*, *palla*, etc.—two ditto
- 27 Terias, *pseudopontia*, *dismorphia*, *anea*, etc.—three
ditto
- 28 Pieris, *tachyris*, *ixias*, *calinaga*, etc.—three ditto
- 29 Delias, *eronia*, *callidryas*, etc.—three ditto
- 30 Celas (some good North American species),
hebomoia, *meganostoma*, etc.—three ditto
- 31 Eucloe, *lethe*, *satyrus*, *epinephele*, *ypthima*, etc.
three ditto
- 32 Mycalesis, *hipparchia*, *neope*, *amathusia*, etc.—
three ditto
- 33 *A pitch-pine insect cabinet of 20 drawers, pedestal
pattern, similar to Lot 10*
- 33a Discophora, *tenaris*, *clerome*, *thaumantis*, *sticho-
phthalma*, etc.—three ditto
- 34 *Morpho cypris* 4, *menelaus* 3, and four others
- 35 *M. sulkowskyi* 3, *achilles vars.*, 12, and two others
- 36 Caligo *eurylochus* 2, *telamonius* 2, and four others,
Brassolis, 3 species—two drawers
- 37 Curetis, *ilerda*, *thecla*, *cupido*, *amblypodia*, and
other *lycaenidae*—two ditto
- 38 *A mahogany insect cabinet of 12 drawers, enclosed
by glass panelled door, size of drawers 17 in.
by 15 in. by 2 in.*
- 39 Ornithoptera *minos*, *helenia*, *papuensis*, *cuneifer*,
ruficollis, etc.—18 specimens
- 40 O. *hippolytus*, *cerberus*, *flavicollis*, *brookeana*
♂ and ♀, etc. 20

- 41 *O. urvilleanus* ♂ and ♀, *rhadamanthus* ♂ and ♀,
zalmoxis 5, etc. 17
- 42 *O. helena* ♂ and ♀, *rhadamanthus* ♂ and ♀,
darsius ♀ ?, *Papilio leonidas* 10, *agamedes* 3,
adamastor 1, and eleven others—two drawers
- 43 *Papilio childrenae* 8, *euryleon* 2, *agestor* 2,
govindra, evan, gyas, hector 6, leodomas 4, and
others—three ditto
- 44 *P. latreillianus* 7, *xenocles* 10, *slateri* 5, *lycortas* 3,
hectorides, torquatus, and others—three ditto
- 45 *P. romulus* 3, *erithonius* 6, *ambrax* 1, *schmeltzi* 1,
pandion 5, nicanor 5, and others—two ditto
- 46 *P. hecateus*, *boisduvallianus*, and other good
species—two ditto
- 47 *P. arcturus* 3, *paris* 12, *buddha* 2, *telegonus* 2, and
others—two ditto
- 48 *P. phorcas* 5, *merope* 8, *xuthus* 7, *turnus* 4, con-
stantinus 3, and others—three ditto
- 49 *P. agamemnon* 6, *bromius* 2, *nireus* 8, *glaucolaus* 6,
macrosilaus 1, and others—two ditto
- 50 *P. philoxenus*, *dasarda*, *bootes*, *memnon* 16,
aegaeus, and others—two ditto
- 51 *A mahogany insect cabinet of twenty-four drawers,*
size of drawers 22 in. by 16 $\frac{3}{4}$ in. by 2 in , enclosed
by panelled door
- 52 *Ithomia*, *acraea*, etc.—three drawers
- 53 *Heleconius*, showy species—two ditto
- 54 *Hesperidae* two ditto
- 55 *Satyridae* and various—three ditto
- 56 *Small mahogany insect cabinet of ten drawers,*
glass door

- 57 Exotic sphingidae and other heterocera—two drawers
 58 Hestia, danais, diorhina, etc —three ditto
 59 Saturnidae, etc.—two ditto
 60 Danais, euploea, melanitis, etc—three ditto
 61 *Teak insect cabinet, of ten drawers, size of drawers 18 in. by 17 in. by $2\frac{1}{8}$ in., folding panelled doors*

Another Property.

- 62 Machaon 5, crataegi 6 (Kent, 1904), sinapis 8, hyale 6 (Ditchling, 1900), edusa 6 and others—in drawer 73
 63 Aglaia 10, adippe 4, paphia 6, *one asymmetrical* ♂ (New Forest, 16-7-98), latona 3, euphrosyne 10 33
 64 Paphia 6, *a curiously pale* ♀ *and one very dark*, (New Forest), valezina 4 and *one intermediate*, artemis 13, athalia 8, c-album 8 adippe 4 43
 65 Cinxia, nice series of *upper and underside varieties* (Isle of Wight, 1900-5) and 3 larvae 23
 66 Polychloros 9, urticae 8, *one pale and one with nearly black hind wings* (Ditchling, 1897), io 6, antiopa 3, and others 32
 67 Iris 10, *five females* (New Forest, 1908-9), sibylla 6, antiopa 3, and others 30
 68 Blandina 8, semele 5, davus 10, betulae 8, w-album 8, *pruni* 6, quercus 8, rubi 8, and others—in drawer 125
 69 Aegon 8 artaxerxes 8, adonis 10 corydon 14, *one fine streaked underside* (Ditchling, 1990), arion 12 (Cornwall, July), 1899, lucina 8, and others 98
 70 Malvae 13, *two v. taras*, linea 9, lineola 8, actaeon 10, comma 13, paniscus 11 (Northampton), and others 80

- 71 *Atropos* 2, convolvuli 3, ligustri 3, and 2 larvae,
livornica 4, ocellatus 3, and others, in drawer 23
- 72 *Porcellus* 4 elpenor 4, *bombyliiformis* 3, chrysidiformis 4, ligniperda 3, sylvinus 6, velleda 8, testudo 3—ditto 98
- 73 *Meliloti* 8, filipendulae, one yellow var., albulalis 5, strigula 6, miniata 6, mesomella 12, *caniola* 6, complana 2, quadra 4, dominula 6, caja 8, one var., Kera 4 (Dawlish)—ditto 160
- 74 *Villica* 6, dispar 7, monacha 6, coryli 6, crataegi 5, populi 6, chrysorrhoea 6, lanestris 6, rubi 7 and larvae—ditto 130
- 75 *Quercus* 10, trifolii 8, quercifolia 7, versicolor 2, carpini 6, prasinana 8, quercana 8—ditto 60
- 76 *Falcula* 6, furcula 6, bifida 5, fagi, 2 and larva; reclusa 3, palpina 4, dictaea 4, dictaeoides 4, ziczac 6—ditto 95
- 77 *Chaonia* 2, dodonea 6, batis 8, duplaris 6, ocularis 4, flavicornis 6, ridens 8, glandifera 8, orion 6, leporina 3, alni 1, albipuncta 2 (South Devon), menyanthidis 2—ditto 150
- 78 *Putrescens* 8, geminipuncta 6, bondii 6, flavago 5, sublustris 5, hepatica 4—ditto 115
- 79 *Exigua* 2 (Norwich) 15-9-1902, pinastri 6, cytherea 6, australis 6, ophiogramma 2, haworthii 4, ambigua 2—ditto
- 80 *Cinerea* 1, agathina 3, rosida 1, janthina 6, interjecta 6, festiva 50, and others—contents of two drawers
- 81 *Neglecta* 4, piniperda 14, gothica 37, rubricosa 10, populeti 8, and others—ditto
- 82 *Stabilis* 40, miniosa 12, and larvae; gracilis 17, upsilon 21, and 6 larvae—ditto
- 83 *Lunosa* 38, litura 36, citrargo 8, cerago 21, silago 16, gilvago 5, ferruginea 20, and others—three drawers

- 84 Trapezina 35, and larvae ; diffinis 6, ochroleuca 4, capsophila 18, capsincola 32, conspersa 35, serena 28, and others—ditto
- 85 Nigra 30, and 2 larvae ; flavicincta 10, aprilina 30, and larvae ; herbida 26, nebulosa 26, lucipara 31, and others—ditto
- 86 Protea 45, dentina 38, thalassina 20, genistae 4, areola 24—ditto
- 87 Rhizolitha 40, petrificata 18, verbasci 28, and 4 larvae ; chamomillae 3, myrtilli 22, and larvae ; arbuti 10, sulphuralis 5, fuscula 20, argentula 4—ditto
- 88 Urticae 19, chrysitis 14, festucae 5, iota 14, pulchrina 8, moneta 7, interrogationis 4, pyramidea 9, and larvae ; maura 11, and others — two drawers
- 89 Nupta 12, sponsa 16, promissa 14, and larvae, mi 12, glyphica 10, aenea 16—ditto
- 90 Sambucata 9, vespertaria 7, apiciaria 12, advenaria 14, prunaria 15, fasciaria 13, and larvae ; and others—in drawer
- 91 *Mahogany insect cabinet of forty drawers, in two columns, enclosed by panelled doors, size of drawers 18 in. by 16 in. by 2 in.*
- 92 Dolobraria 20, syringaria 12, illunaria 28, illustraria 12, bidentata 13, and others—in drawer
- 93 Alniaria 7, tiliaria 10, erosaria 12, angularia 14, pennaria 11, pilosaria 14, repandata 24, roboraria 5, consortaria 16, and others—two drawers
- 94 Hispidaria 7, prodromaria 20, betularia 15, glabraria 11, lichenaria 22, rhomboidaria 15, and others—in drawer
- 95 Consonaria 9, crepuscularia 15, *two black vars. ;* extersaria 18, *one suffused var. ;* obscuraria 16, cytisaria 16—ditto

- 96 Vernaria 17, thymiaria 17, bajularia 5, porata 18, punctaria 17, sylvata 4, auroraria 11, ochrata 8, promutata 19, and others—two ditto
- 97 Fumata 12, amataria 15, liturata 16, pulveraria 11, belgiaria 20, plumaria 14, and others—two ditto
- 98 Brunneata 16, dealbata 6, piniaria 17, ulmata 7, rupicaprararia 18, aurantiaria 38, leucophaearia 22, and others—two ditto
- 99 Dilutata 9, didymata 24, caesiata 14, olivata 8, affinitata 12, albulata 15, venosata 10, subfulvata 7, and others—two ditto
- 100 Irriguata 6, pumilata 12, rectangulata 12, firmata 10, impluviata 8, elutata 32, *vars.*; rubiginata 17, albiciilata 14, and others—two ditto
- 101 Derivata 7, ferrugata 24, bilineata 18, hastata 14, procellata 10, montanata 16, galiata 16, rubidata 6, badiata 16, and others—two ditto
- 102 Rhamnata 8, undulata 8, psittacata 14, miata 7, corylata 15, russata 50, suffumata 16, vetulata 4, and others—two ditto
- 103 Testata 14, populata 15, dotata 16, comitata 10, bipunctaria 14, plagiata 17, atrata 27, imbutata 3, and others—two ditto
- 104 Paphia 6, io 6, caja 16, dominula 20, bidentata 6, and others—two ditto
- 105 *Putrescens* 15, nigra 10, conigera 5, illunaria 8, and others—two ditto
- 106 Mahogany insect cabinet of 26 drawers, in 2 columns, enclosed by panelled doors, size of drawers $17\frac{1}{2}$ in. by $14\frac{1}{2}$ in. by 2 in.
- 107 Flammea 20, cilialis 9, argentula 12, promissa 9, sponsa 5, and others—in two book boxes
- 108 *Pinastri* 1, *leucophaea* 4 (Wye, W. J. Kaye), coryli 3, glandifera 11, complana 2, and others, with store box

- 109 Caja 17, quercifolia 6, ocellatus 3, arundinis 1, albipunctata 7, cilialis 10, and others—in two store boxes
- 110 Argentula 13, senex 27, viminalis 21, advena 10, and others (Wicken Fen 1906), with store box
- 111 Pandalis 10, hyalinalis 10, ruralis 31, terrealis 10, fuscalis 29, asinalis 25, crocealis 31, verbascalis 11, sambucalis 45 202
- 112 About 65 blandina from Rannoch, August, 1912—in box
- 113 Ditto
- 114 Blandina 45, brunneata 60, and two dark polyodon—ditto
- 115 Rectilinea 44, templi 10, batis 6—ditto
- 116 *A cabinet of 16 drawers, by WATKINS & DONCASTER*
- 117 Small 8-drawer mahogany cabinet of British butterflies, including iris antiopa, and other good species
- 118 Sixty-six specimens and single specimen of *lælia cænosa* (from Wicken Fen, Cambridgeshire)
- 119 Over 130 specimens
- 120 About 180 specimens
- 121 Over 225 specimens
- 122 Sixty-seven specimens of *vanessa io*, *melitæa artemis*, including dwarf and other forms of some of the species, etc.
- 123 Stainton's Manual (2 vols.) and MS. index
- 124 Collection of dried ferns (British and exotic), about 100 specimens
- 125 Small parcel of Natural History books, chiefly entomological
- 126 Donovan's Natural History, 2 vols., coloured plates, c. 1823, very rare

- 127 Small 8-drawer cabinet, containing named British libellulidae
- 128 Mahogany insect cabinet with 24 drawers, $13\frac{1}{2}$ in. by 14 in., depth $1\frac{3}{4}$ in., with folding panelled doors
- 129 Mahogany cupboard with 12 drawers, containing quantity of microscopical preparations, minerals, etc.
- 130 Very fine darkly-marked aberration of the male of *argynnis paphia*, taken in the department of Yonne, France

EXOTIC LEPIDOPTERA (SET).

- 131 *Orn. paridisea*, fine pair
- 132 *Orn. hecuba*, 2 very fine pairs
- 133 Ditto, 3 pairs
- 134 *Orn. urvillianus*, 1 pair
- 135 *Orn. hecuba*, 3 fine pairs
- 136 *Orn. paradisea*, 1 pair, and *orn. hecuba*, 1 pair
- 137 *Pap. mayo*, fine pair
- 138 Ditto, 3 ♂, and *pap. parinda*, 2 ♂ and 1 ♀
- 139 *Orn. hecuba*, 3 very fine pairs
- 140 *Orn. poseidon*, 6 ♀
- 141 *Caligo superbus*, 1
- 142 *Pap. gundlachianus*, 1
- 143 *Orn. hecuba*, 3 pairs
- 144 *Hestia clara* 2, *cadelli* 2, and others 8
- 145 *Pap. autolykos* 6
- 146 *Orn. hecuba*, 3 pairs
- 147 Butterflies in fine condition (from Ceylon) 40
- 148 Ditto 40
- 149 Ditto (from German New Guinea) 30

150	Butterflies and moths (from German New Guinea)	40
151	Papilios (from German New Guinea)	10
152	Butterflies (from Celebes and Formosa)	40
153	Ditto (from the Phillipines)	40
154	Ditto (from Formosa)	40
155	Ditto (from South America)	40
156	Ditto	40
157	Papilios (from the Andaman Islands and Ceylon)	20
158	Orn. hecuba, 2 pairs	
159	Butterflies (from Ceylon and Andaman South Islands)	40
160	Ditto (from various localities)	40
161	Ditto	40
162	Ditto	40

BUTTERFLIES IN PAPERS.

163	Colombia, 100, and Brazil, 100	200
164	West China, 70, and Nhaga Hills, Assam	100
165	Nhaga Hills, Assam	250
166	Bolivia	200
167	Ditto	200
168	Peru, 70, Bolivia, 50, and Colombia, 50	170
169	Butterflies and moths (from Sikkim and Mussoorie)	200
170	Butterflies (from Andamans, 50) (from Nhaga Hills, 50)	100
171	10 boxes of Heterocera from Cuba	

- 172 820 *moths from Costa Rica, including many rare species*
- 173 900 *moths from Costa Rica, including many rare species*
- 174 Hemiptera, coleoptera, orthoptera, etc. (from Mombasa), including blatta, mantis, etc.
-
- 175 Small 10-drawer mahogany cabinet, containing large and showy exotic lepidoptera, morpho, ornithoptera, caligo, atlas and moon moths, etc.
- 176 An 8-drawer mahogany cabinet, containing exotic and British lepidoptera, large locust, etc.
- 177 An 8-drawer mahogany cabinet, containing exotic lepidoptera and other insects
- 178 Cabinet with 11 boxes, containing box of foreign beetles, large foreign butterflies, British moths, aporia, catopsilia, pieris, ornithoptera and papilionidæ, P. polycter, ganesa, argynnis, Gunonia, vanessa, kallima, charaxes, adolias melanitis, aulocera, lethe, euploea, danais, parnassius, hesperidæ, lycoenidæ, etc., *all in cork bottom boxes, enclosed by folding doors*
- 179 Small 8-drawer cabinet, morphos, caligos, and other exotic butterflies, coleoptera, hymenoptera (some named) and other insects
- 180 Black and gold case of beetles, (from various localities), beetles, etc. (from Usagara, G.E. Africa), in 2 wall cases, and a polished ditto of exotic butterflies, three boxes of butterflies (chiefly from Celebes), British lepidoptera, many pyrales, geometers, tineae, etc. (2 boxes), and a box of dragonflies
- 181 Three cases of decorative insects
- 182 Two glass cases of showy foreign butterflies, etc.

LEPIDOPTERA FROM WESTERN AFRICA.

All the following are labelled with date, locality and name of Collector.

183	Nymphalidae	32
184	Nymphalidae and papilio	41
185	Ditto	31
186	Euphaedra cyparissa	36
187	Papilio and nymphalidae	38
188	Pharaxes, etc.	38
189	Nymphalidae, etc.	36
190	Miscellaneous	34

191	Two boxes of foreign butterflies and moths (chiefly from Ecuador)	68
192	Two boxes of butterflies and moths (from Ecuador)	58
193	Two boxes of British and foreign moths	94
194	Box of British butterflies, including 25 Lulworth skippers	148
195	Box of British geometræ	150
196	Euploea, cethosia, terinos, etc., in 2 cartons, colias, acraea, many hesperids, etc., in 4 cartons	
197	A 12-drawer (glazed) cabinet, containing a good collection of English and foreign moths, butter- flies, beetles, etc.	
198	Four fine male and 2 female goliath beetles, unset	

The following 11 lots comprise a very fine collection of brilliant butterflies, moths, beetles, locusts, etc., all set.

- 199 Two store boxes, containing large beetles, goliath, etc.
- 200 One ditto, locusts
- 201a Ditto
- 202a Ditto, mantis flies, etc.
- 203a Ditto, morphos, etc.
- 204a Ditto, large brilliant butterflies
- 205a Two ditto, small ditto
- 206a Two ditto, moths, atlas, etc.
- 207a Ditto
- 208a Ditto
- 209a One ditto, fine male and female ornithoptera

SET SPECIMENS.

201	Ornithoptera poseidon, pair, O, HECUBA, PAIR	4
202	O. URVILLEANA, pair	
203	O. CRÆSUS, pair	
204	O. VICTORÆ, fine female	
205	O. BROOKEANA, ♂ and ♀, fine, P. zalmoxi	3
266	O. aeacus, pair, and others	8
207	Morpho ega, 3 RARE BLUE FEMALES, 3 yellow ditto	6
208	M. ega, 6 yellow females	6
209	MORPHO HECUBA, good specimen of this rare insect	
210	Morpho cypris, M. OCTAVIA, and two others	4
211	P. ANTIMACHUS, fine	1
212	P. rhodifer 2 and other papilios	14
213	Papilios, various	13
214	P. buddha and others, some good species	20
215	P. rumanzovius 2, diephontes 1, woodfordii 1, parinda pair, and others	10

- 216 Various nymphalidæ, 20 species, 37 specimens
- 217 Ditto, 39 specimens, including 2 VANESSA GONERILLA from New Zealand
- 218 Rare delias, including new species from New Guinea, D. ROTHSCHILDII 3, BAKERI 1, ORNYTION 1, and others 22
- 219 Heliconius, etc., about 25 species, 45 specimens
- 220 CALLITHEA LEPRIEURI, 4 fine specimens
- 221 Prepona and aganisthos, 9 species, 14 specimens, a showy lot
- 222 ZETHERA INCERTA, 2 fine specimens
- 223 Various, about 20 species, 38 specimens
- 224 Anaea, 4 specimens, about 25 species, named and including A. PANURISTE
- 225 Charaxes, 32 specimens, about 25 species
- 226 Chlorippe, *clothilda*, *lavinia*, *griseldis*, etc., 26 specimens, about 16 species, a fine set
- 227 Tenaris, several good species 16
- 228 Prothoe australis, *pair*, Victorina *superba* 2, and others, 20 specimens
- 229 Various 30, some good species
- 230 Hypolimnos, many females, and other nice species from New Guinea 27
- 231 Megalura eunica, etc., some scarce 48
- 232 Epiphile and preeis, about 25 species, 40 specimens
- 233 Various exotics, about 100, contents of drawer
- 234 Useful store cabinet, 12 large drawers, cork lined and glazed, size of drawers 24 in. by 17 in. by 2½ in.
- 235 Showy lot of catagramma, 73 specimens ; papilios ulysses species, etc.—two cartons
- 236 Papilios, lyceinidæ, heliconius, etc.—four ditto
- 237 Various lepidoptera, morpha oega 8, yellow 2, scarce blue forms, etc.—four cartons

STORE BOXES AND CARTONS, etc.

- 238 Twelve cartons, some containing insects
- 239 Eight store boxes, various, some with insects
- 240 Ditto
- 241 Ditto
- 242 Ditto
- 243 Five large store boxes
- 244 Various store boxes and setting boards
- 245 Four boxes of foreign birds' eggs, list of British birds, list of the birds of Europe, and other pamphlets
- 246 Iron-bound box containing setting house, fitted with nearly 100 small setting boards
- 247 Setting house and 20 setting boards
- 248 Store box containing set of exotic butterflies
- 249 Cardboard box containing some foreign butterflies in papers
- 250 Deal box containing 2 dozen new zinc relaxing boxes, larva tins, etc.
- 251 Tray of entomological and botanical preparations, in bottles, and a box of ditto, 2 pocket boxes, etc., and a small glass case containing land shells

BIRDS' EGGS.

- 252 Common Buzzard 4, Goshawk 3, Marsh Harrier 5, Kite 5, Tawny Owl 5, Hen Harrier 4, Montagu's Harrier 4
- 253 Spotted Eagle 1 (10-4-'65, Kustendjii), Egyptian Vulture 1 (16-4-'67, W. E. Brooks), ditto 1 (Spain), Tawny Owl 7, Golden Eagle 1, *well-marked*
- 254 Golden Eagle 1, Spotted Eagle 1
- 255 Kestrel 15, Scop's Owl 4, Short-eared Owl 4, Barn Owl 4, Hawk Owl 3, Little Owl 6, Tengmalm's Owl 1

- 256 Purple Martin 4, Redwing 8, Nightingale 8, Orphean Warbler 7, Bearded Tit 10, Whinchat 5, Dartford Warbler 4, Wood Wren 7, Reed Warbler 14, Lesser Whitethroat 18, Meadow Pipit 18
- 257 Lesser Spotted Woodpecker 6, Melodious Willow Wren 4, Crested Tit 12, Siskin 7, Redpole 4, Grasshopper Warbler 14, Sedge Warbler 16, Willow Wren 17, House Martin 7, Redstart 9
- 258 Golden Eye 4, Tufted Duck 4, White-eyed Duck 2, Velvet Scoter 2, Long-tailed Duck 3, Pochard 2, Red-breasted Merganser 4, Widgeon 3, Whooper 1, Mute Swan 1, Canada Goose 2, Bean Goose 2, etc.
- 259 Spotted Sandpiper 8, Capercaillie 5, Curlew 3, Whimbrel 4, Golden Plover 9
- 260 Ducks, various, Ptarmigan 5, Barbary Partridge 2, Jack Snipe 3, Purple Sandpiper 2, Dunlin 6
-
- 261 Well-made solid oak pedestal cabinet of 14 drawers (fitted with divisions), different depths, suitable for birds' eggs, etc., 4 ft. high, 20 in. wide
- 262 A 24-drawer cabinet, containing a collection of eggs (with catalogue)
- 263 Kingfisher c/7, Green Woodpecker c/4, Starling c/5, Jay c/5
- 264 Mithatch c/5, Yellow Wagtail c/5, c/6 Hedge Sparrows 4 and Cuckoo, Sedge Warbler c/4
- 265 Marsh Warbler c/4 (British), Reed Bunting 5, Redstart c/6, Chiffchaff c/6, Chaffinch c/5
- 266 Kingfisher c/7, Great Spotted Woodpecker c/6, Dipper c/4, Jay c/5
- 267 Short-eared Owl c/8, Long-eared owl c/5, Barn Owl c/5, Sparrow Hawk c/4

- 268 Woodcock c/4 (Bowness, 31-3-1903)
- 269 Canada Goose c/6, Mallard c/12, Pratincole c/3,
Shag c/2, Manx Sheerwater 2/1
- 270 Golden Plover (Perthshire, 1908), Redshank c/4,
Curlew c/4, Red Grouse c/7, Kentish Plover 2,
Oystercatcher c/3
- 271 Woodlark c/3 (British), Bullfinch c/4, Ring Dove
c/2, Stock Dove c/2, Turtle Dove c/2, Pratincole
2, Belted Kingfisher c/4
- 272 Black Grouse c/9, Sparrow Hawk c/6, Snipe c/4,
Magpie c/6, Redshank c/4, Kestrel c/5, Common
Gull c/2
- 273 Sparrow Hawk c/5, Redshank c/4, Common
Sandpiper c/4, Snipe c/4, Cormorant c/3, Sparrow
Hawk c/5, Shag c/4, Snipe c/4
- 274 Chough c/5 (St. Cilian's Head, Carnarvonshire,
15-5-1895)
- 275 Ruff c/4, Common Sandpiper, c/4, Snipe c/4,
Lapwing c/4, Black-headed Gull c/2, variety set
- 276 Great Skua c/2, Red-throated Diver c/2, black-
headed Gull c/3, Curlew c/3, Song Thrush c/3
(Spotless)
- 277 Lesser Kestrel c/4, Long-eared Owl c/6, Stone
Curlew c/2, Lapwing c/4, Barn Owl, c/2
- 278 Turnstone c/4 (Novaya Zemlya, 8-6-1904),
Common Sandpiper c/4
- 279 Hobby c/2 (Cubbington Wood, near Leamington,
6th June, 1897), Landrail c/6, Wood Sandpiper
c/4, Lapwing c/3
- 280 Red Grouse c/10, Curlew c/4, Sooty Tern 2,
Pratincole c/2, Dipper c/5, Lapwing c/3
- 281 Green Sandpiper c/3 (Wermland, 20-5-1903), a
genuine set of these rare eggs

- 282 Dotterell c/2 (Grampians, 10th June, 1905),
Green Woodpecker c/3, Red Grouse c/7
- 283 Jack Snipe c/2 (Muonionska, Lapland, 28th June),
Black Guillemot c/2, Red-throated Diver c/2,
Storm Petrel 2
- 284 Scop's-eared Owl c/6 (Delta of Guadalquivir,
15-5-04), Kentish Plover (Lydd Beach, May,
1894)
- 285 Honey Buzzard c/2, a nice bold set
- 286 Purple Sandpiper (Greenland 14-5-05)
- 287 White-tailed Eagle 1 (Loch Braden, Sutherland-
shire, taken by J. Forbes, 1849), Spoon Bill
c/3, Sandwich Tern c/3, Black-headed Gull c/3
- 288 Chough c/5 (St. Cilians Head, Carnarvonshire,
18-4-1895)
- 289 Hen Harrier c/4 (Armadale Burn, Sutherland-
shire, taken by John Anderson, 8-5-72), Barn
Owl c/3, Meadow Starling c/4, Fulmar 1
- 290 Nutcracker c/3, a nice heavily-marked set
- 291 Tengmalms Owl c/5, Redwing c/4, Fork-tailed
Petrel 1, Storm Petrel, 2
- 292 Snow Bunting c/5, Crested Tit c/5 (British),
Hedge Sparrow c/6, Song Thrush c/5
- 293 Grass Hopper Warbler c/4, Bullfinch c/4, Grey
Wagtail c/4, Long-tailed Tit c/5, Stone Chat c/4,
Blackbird c/5, Marsh Tit c/5
-
- 294 Very fine pair, ♂ and ♀, Shetland Wren (*trog-
lodytes zetlandicus*), one stuffed, other in skin
- 295 Well set-up pair, ♂ and ♀, Shetland House Mouse
- 296 Brood 3 stuffed downy Barn Owl, very fine
- 297 Skin-black variety Water Vole and fine skin Field
Mouse from Shetlands

The following clutches of eggs, all with nests :—

- 298 Barn Owl 1/4, Belted Kingfisher 1/3, Sparrow Hawk 1/5, Red-tailed Buzzard 1/2, Red Shoulder Buzzard 1/2, Black Kite 1/2, Kite 1/2, Tengmalm's Owl, White Stork, Black Stork and Osprey, White Pelican, Great Northern Diver, White Stork, Black Stork, Rosy Flamingo, Pomatorhine Skua and Canada Goose, White-eyed Duck 2, Golden-eye 2, Shelduck, Garganey, Ruddy Shelduck, Green-winged Teal, Blue-winged Teal, Summer Duck, Longtail, Lesser Scaup, Canada Goose (Tufted 2), Swan, Barn Owl and Mottled Owl

BIRDS' EGGS.

Data with each clutch.

- 299 Magpies 1/7, 1/6, 1/5 (light clutch); Hooded Crow 1/4
- 300 Dunlin (Iceland), Snipe 1/4 (Iceland)
- 301 Norfolk Plover 1/2, Coot 1/5
- 302 Norfolk Plover 1/2, Grouse 1/7 (spoilt nest, 1900), Heron 1/3, Curlew 1/4
- 303 Great Blacked-backed Gull 1/2, Ditto 1/2
- 304 Black-headed Gull 1/3, Eider duck (with down) 1/5
- 305 Eider Duck 1/5, ditto 1/5
- 306 Ditto 1/4, Golden Eye 1/10, with down (Iceland)
- 307 Widgeon 1/7, with down (Iceland), Tufted Duck 1/10 (Scotland), Pintail 1/6, with down (Iceland)
-
- 308 Gannet 3 (Bass Rock), ditto 3 (Bass Rock)
- 309 Ditto 3 (Bass Rock), Cormorant 1/4
- 310 Lesser Black-backed Gull 1/2, ditto 1/2

- 311 Birds Skins—Hawks, Gulls, Heron, Pheasants,
Owls and others
- 312 Ditto—Starlings, Cormorant, Pheasants, Owls,
Grebe Sandpiper, Cuckoo, Parson Bird and lot
of small birds
-
- 313 Moles (various) 9
- 314 Accipter fusens ♀ (Colorado, U.S.A.) 1

BIRD SKINS

(mostly with names and localities attached).

- 315 Showy Paroquets, Parrots, and other small
birds 30
- 316 Parson Bird, Starlings, and other small birds 30
- 317 Eastern Blue Bird, Stirning Cuckoo, Song Thrush,
and other small birds 20
- 318 Woodpecker, Grosbeak, Warbler, and other small
birds 25
-
- 319 Model of the Greak Auk, in glass case
- 320 Two King Birds of Paradise and a Green ditto
- 321a Six fine Emu eggs
- 322a Fifty fine assorted Guillemot eggs
- 323a Ditto
- 324a Two fine Albatross skins

SHELLS AND MINERALS.

- 321 Contents of drawers of minute shells
- 322 Agates, choanites and other polished specimens—
contents of drawer
- 323 Two fine slabs of landscape marble, barytes and
other polished specimens

- 324 *Lepas anatifera*, chitons, *serpula*, *nerita*, etc.—
contents of 2 drawers
- 325 Amethystine quartz, blue carbonate of copper,
malachite, peacock copper, Elba iron and other
minerals—contents of drawer
- 326 Cones in variety—contents of drawer
- 327 *Cypreæ aurantia* and *C. mappa*
- 328 *Cypreæ* in variety, 20 specimens
- 329 *Cypreæ aurantia*, *C. scotti*, *C. muritiana*, *voluta*
musica, and 1
- 330 *Harpa imperialis*, *voluta musica*, *oliva porphyria*,
cypreæ scotti, and 3
- 331 Many beautiful polished bivalves—contents of
drawer
- 332 Olives, *scalaria* and other minute shells—contents
of drawer
- 333 *Harpa rosea*, *cypreæ mappa*, *voluta musica*, small
pearl oyster with pearl, and others
- 334 *Helices*, *bulimi*, *bullæ*, and other shells—contents
of drawer
- 335 *Cypreæ* and *mitra* in variety
- 336 Ditto
- 337 *Cypreæ*, various
- 338 Bivalves, various—contents of drawer
- 339 *Argonauta argo*, a *tuberculata*, *carinaria*, and 4
- 340 *Ostrea*, *trochus*, *cardium*, and other shells
- 341 *Pectens*, *spondyli*, *trigonia*, and others
- 342 *Haliotis*, harps, volutes, and other ornamental
shells
- 343 Nautili, *achatina*, *haliotis*, and others
- 344 *Haliotis* and *patella* in variety
- 345 Shells, various—contents of drawer

- 345 Pterocera, trochus, scalaria, rostellaria and other shells
- 346 Murex tenuispina, m. palma rosea, m. radix and other murices
- 347 Hippocampus, 2 fine specimens, nautilus, cut to show the interior, organ pipe coral, chiton, crustacæa and other marine specimens
- 348 Two groups of red coral, brainstone and other varieties of coral, leaf insect, etc.
- 349 Labrador spar, fossilized slabs, fern impression, and various marbles, cut and polished
- 350 Axinite, bitumen, gypsum, jasper and other minerals
- 351 Obsidian, quartz crystal, mica and other mineral substances—arranged in glass boxes
- 352 Choanites, Labrador spar, agate and other cut and polished specimens
- 353 Fossil wood, jet, orpiment and various minerals, some cut and polished
- 354 Native sulphurs, jasper, arsenate and phosphate of lead and other minerals, some cut and polished
- 355 Various fossils and minerals—contents of two drawers
- 356 Haliotis, 10 beautiful polished specimens, mother-o'-pearl shell, polished, and various shells cut to show interior
- 357 Conus amiralis, c. bullatus and other cones, some rare
- 358 Ditto
- 359 Various olives and cones
- 360 Mahogany cabinet of 42 drawers (different depths) in 3 tiers, enclosed by folding doors, with marble top, 4 ft. 6 in. wide, 3 ft. 4 in. high, 16 in. deep

- 404 Three boxes crystals, ditto in flint nodules,
crocidolite and Devonian marbles
- 405 Three boxes Orpiment quartz copper barytes
(fine), crystals, etc.
- 406 Polished specimens and minerals—three boxes
- 407 Ditto
- 408 Ditto
- 409 Two boxes small polished agates, etc.
- 410 Two boxes, elephant's tooth, mosaic, fossil and
minerals
- 411 Three boxes polished stones, crystals, copper, etc.
- 412 Ditto
- 413 Three boxes minerals
- 414 Three boxes fossils
- 415 Two boxes African and other seeds and berries
- 416 Three boxes shells
- 417 Ditto
- 418 Ditto
- 419 Three boxes larger ditto
- 420 Ditto
- 421 Horned toad on orange wood plaque
- 422 Trapdoor spider and nest, and centipede
- 422a Fine double cocoanut, carved and inlaid, and
another, polished
- 423a Two fine and perfect duckbill platypus skins
- 424a The curious and rare fins of the sword fish, set
up in glass case (museum specimen)
- 425a Two boxes of shells, corals, etc., and another
containing curious gourds, seed pods, etc.

HEADS AND HORNS, etc.

- 423 Arnee buffalo, male, a pair of horns
- 424 Ditto
- 426 Ditto, female
- 426 Fine hippopotamus skull
- 427 A pair of Koodoo horns
- 428 Two pairs of Sable Antelope horns
- 429 Four pairs of horns, various
- 430 Well-mounted stag's head and antlers, on shield
- 431 Ditto
- 432 Ditto
- 433 Golden Eagle, in glass case, fine specimen
- 434 Head of Zebra, mounted on shield
- 435 Head of Kuu, mounted on shield
- 436 Two pairs of horns, mounted
- 437 Ditto
- 438 Ditto
- 439 Moose head, with horns
- 440 Rhinoceros skull
- 441 Rhinoceros horn
- 442 Ditto, smaller and hoof of ditto
- 443 Part skull and horns of Eland

COLLECTION OF HORNS, STUFFED HEADS, Etc.

- 444 A pair of fine Koodoo horns, mounted on shield
- 445 Ditto American Wapiti, ditto
- 446 Ditto Siberian ditto, ditto
- 447 Four pairs of Reindeer horns, on shields

11
4
4
19/-

- 448 A pair each of Axis and Sambar, ditto
 449 Four pairs of Siberian Roebuck, ditto
 450 A pair each of Elds Deer, Java Rusa, ditto
 451 Ditto bull and cow White Tail Gnu (rare), ditto

452 Ditto Sommerings, Spekes and Gerenuk, ditto

257-453 Ditto Beisa, Lesser Koodoo, and Bush Buck,
 ditto 54987-91 55001

454 Ditto Lowland, Pallah and Beisa, ditto

455 Ditto Leschwe and Sitatunga, ditto

456 Ditto Springbuck, Tiang and Dorcas, ditto

457 Four pairs various horns, on shields

458 Ditto

459 Ditto

224-460 Fine stuffed head of Waterbuck, on shield

461 Ditto, Sassaby, ditto

462 Ditto, Giant Gazelle, ditto

463 Ditto male and female Sommerings Gazelle, ditto

464 Antelope skin, mounted as rug

465 Deer ditto, ditto

466 Bear ditto, ditto

467 Ditto, with stuffed head

468 A fine pair of antlers of the exceedingly rare
 Schomburgks Deer. Only a very few of this
 species are in museums and collections

157-469 A pair of horns of Water Buck 55004

470 A skull of Wild Boar, ditto of Porpoise and a
 ditto of Ram

471 A skull of Wild Boar and 2 other skulls

472 Various Monkey and other small animal skulls

473 Various skulls, portions of ditto, tusks, etc.

3
now \$116
16/9/14
11/-

3-13/-

4/-

- 474 Three animal skulls
- 475 Ditto
- 476 Ditto
- 477 Three pairs of horns, with part skulls
- 478 Ditto
- 479 Two Sword Fish snouts, horns, etc.
- 480 Skull and horns of Ovis Ammon
- 481 Ditto
- 482 Head and horns of Ibex
- 483 A pair of Buffalo horns (Central Asia)

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